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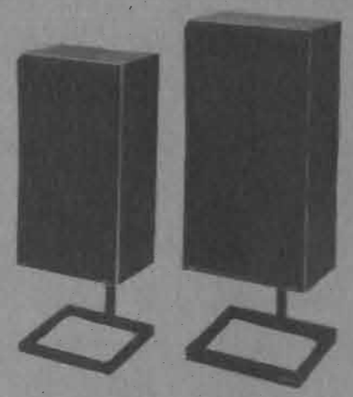


BEOVOX 2

SERVICE MANUAL

Bang&Olufsen

INDHOLD/CONTENTS

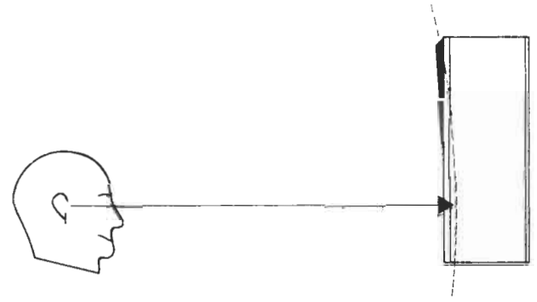
	Side/Page
Instruktion for opstilling	1
Instructions for setting up	3
Beovox S 25, type 6310	6
Beovox S 35, type 6311	8
Beovox S 45-2, type 6312	10
Beovox S 75, type 6313	13
Beovox M 75, type 6314	16
Beovox M 100-2, type 6319	19
Beovox stand, type 6312/6313	22
Beovox stand, type 6011	23
Beovox stand, type 6010	24

INSTRUKTION FOR OPSTILLING

Disse fase- og frekvenslineære højttalere er konstrueret under bestemte forudsætninger. F. eks. er lydens retning og udbredelse påvirket af om højttalerne anbringes lodret eller vandret, af afstanden mellem de to højttalere og til lytteplads, samt højden fra gulvet og højttalernes hældning.

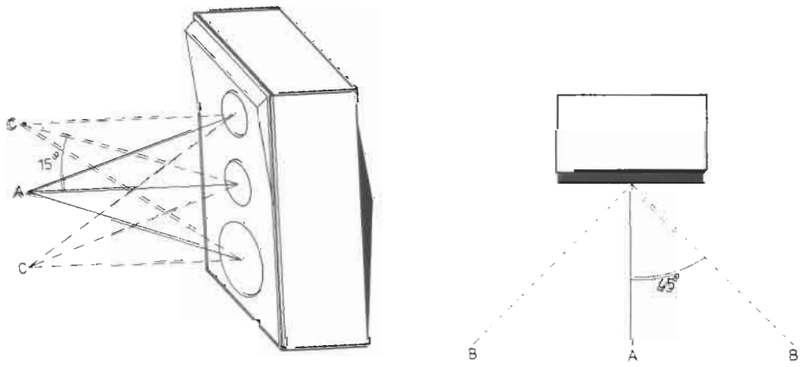
Lodret placering

Frontsiden af højttaleren har et „knæk", som deler fladen i to halvdele. Det har noget at gøre med den indre anbringelse af enhederne for bas- og diskantgengivelse. Lydbølgerne fra disse enheder skal nå vore ører på samme tid for at opnå den mest fase- og frekvenslineære gengivelse.

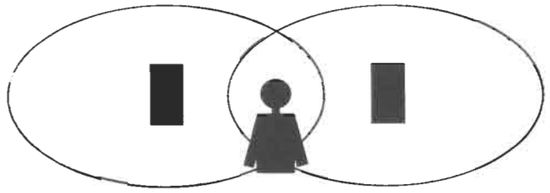


Den vandrette linie på tegningen kaldes den akustiske akse. Den går vinkelret ud fra basenhedens midte til vore ører, og de øvrige enheder er placeret efter den punkterede, buede linie,.
Det betyder, at højttalerens hældning må afpasses efter hvor højt man ønsker at anbringe højttaleren fra gulvet, og det kan indstilles på både fod og vægbeslag.

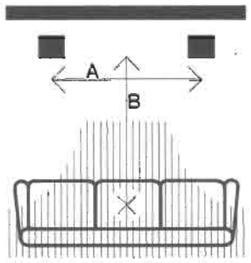
Beovox S 25 og S 35 som ikke har mulighed for justering af hældningen, bør placeres i en sådan højde, at lyttepositionen ligger inden for det felt, hvor det bedste resultat for fase- og frekvenslinearitet opnås.
Desuden er der på disse højttalere mulighed for at hænge dem i 2 forskellige positioner, med forskellig hældning, således at når de hænger under 1 m fra gulvet, skal højttalerne hænge i de øverste monteringshuller, og hvis de hænger over 1 m fra gulvet, skal monteringshullerne midt på højttalerne benyttes.



Da højttalerenhederne er placeret lige over hinanden i kabinettet, vil den ideelle lytteposition være punktet A, fordi i det punkt vil lydsignalerne fra de enkelte enheder ankomme samtidig og dermed i fase. Det vil nu være muligt at flytte lyttepositionen ud til en af siderne (B) og afstanden er stadig lige stor til alle enhederne, derimod vil afstanden fra enhederne straks blive forskellig, hvis lyttepositionen flyttes op eller ned (C). Så for at opnå den mest frekvens- og faselineære gengivelse, bør højttalerne anbringes således, at lyttepositionen ligger indenfor ± 45° i det horisontale plan, og inden for ± 15° i det vertikale plan.



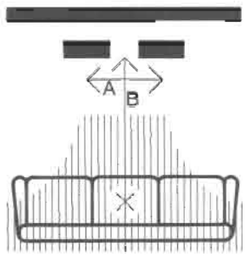
Ovenstående tegning viser også, at Beovox højttalerne primært er beregnet til lodret placering af hensyn til bedste stereogengivelse, fordi venstre og højre højttalere skal „overlappe" hinanden.
For at opnå det bedste stereo-lydbillede skal de to højttalere placeres i forhold til den foretrukne lytteplads.



Afstanden A mellem de to højttalere skal svare nogenlunde til lytteafstanden B. Dog må B gerne være større end A, men helst ikke omvendt. Højttalerne skal så vidt muligt have samme afstand til stuens hjørner, for at få den bedste balance i lydbilledet (ens reflektioner).

Vandret placering

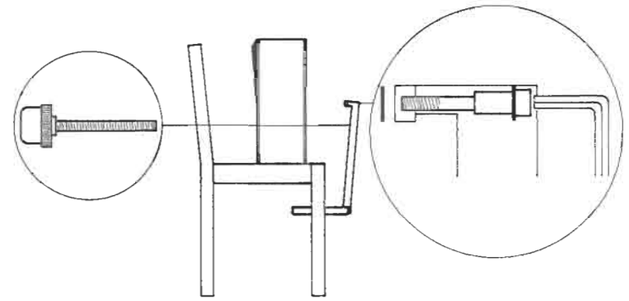
Hvis højttalerne ønskes anbragt vandret, bliver stereodækningen påvirket fordi spredningen til siderne er mindre end ved lodret placering. Højden fra gulvet bliver derimod mindre kritisk.



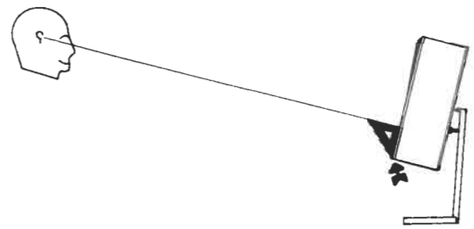
Afstanden A på tegningen bør være det halve af B, når højttalerne anbringes vandret.

Fod 6013/6012

Ved at anbringe Beovox S 45–2 og S 75 på den originale fod opnås flere fordele: De to højttalere kan placeres mere uafhængigt af stuens møblering, og dermed opnås en bedre tilpasning til lytteområdet. Højttalerne kan placeres i forhold til siddeplads, istedet for det omvendte.
Gengivelsen vil mere være præget af den direkte lyd fra højttalerne, fordi reflektioner fra væggene får mindre betydning når højttalerne står frit på gulvet.
Foden monteres lettest på denne måde:
Højttaleren sættes op på en stol med bagsiden tilgængelig. Foden holdes op mod bagsiden, og de to skruer med skiver indsættes i hullerne og fastspændes med den sekskantede nøgle.



Hældningen af højttaleren indstilles, så den nederste del af kabinettet er vinkelret på en linie til lyttepladsen.



Jo kortere lytteafstand, des mere skal højttaleren hælde bagover.

Vægbeslag 6014

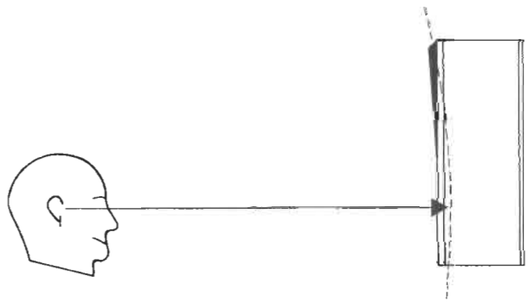
Hvis Beovox S 45–2 og S 75 ønskes placeret på en vægflade, uafhængigt af reolsystemer, kan der leveres et sæt vægbeslag som ekstra tilbehør. Ved lodret ophæng er hældningen indstilbar, og vil kunne tilpasses en højde fra gulvet mellem 0,5 og 2,5 meter.
Ved vandret ophæng er højden fra gulv relativ ukritisk, medens afstanden mellem de to højttalere højst bør blive 1,5 meter ved en lytteafstand på 2,5 – 4 meter.
Der medfølger en boreskabelon for ophæng af vægbeslag.

INSTRUCTIONS FOR SETTING UP

These phase and frequency linear speakers have been designed on a quite definite basis. For example, the direction and dispersion of the sound they deliver are affected by whether the speakers are placed vertically or horizontally; by the distance between the two speakers and to the listening position; be the height from the floor and by how much the speakers are tilted.

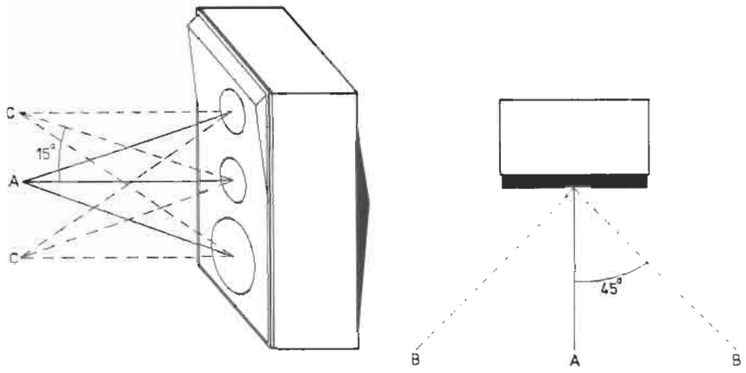
Vertical Placement

The front of the speaker has a "bend" dividing the surface into two halves. This has something to do with the internal mounting of the bass and treble units. The sound waves from these units must reach our ears simultaneously if the most phase and frequency linear performance is to be obtained.

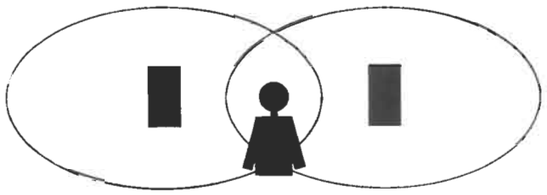


The horizontal line on the drawing is called the acoustic axis. It extends at right angles from the centre of the bass unit to our ears, and the other units are placed according to the dotted curved line.

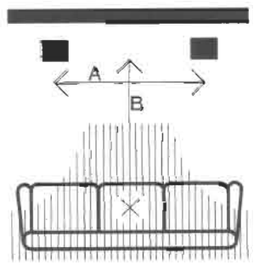
This means that the speaker tilt must be matched to how high you want to place the speaker from the floor. This adjustment can be made both on the stand and on the wall mounting.
Beovox S 25 and S 35 the tilts of which are not adjustable should be placed in such a height that the listening position is within the field where the best phase and frequency linearity is obtained.
Furthermore, these loudspeakers may be placed in two different positions with different tilt. When the speaker is placed less than 1 m from the floor, the two upper mounting holes must be used, and when placed more than 1 m from the floor, the speakers must be mounted in the center mounting holes.



As the speaker units are placed exactly above one another in the cabinet, the ideal listening position will be the point A as in this point the sound signals from the individual units will arrive simultaneously and thus in phase. Now it will be possible to move the listening position to one of the sides (B) and the distance to all units is still the same, but the distance from the units will immediately differ if the listening position is moved up or down (C). Therefore, to obtain the most frequency and phase linear reproduction, the loudspeakers should be placed in such a way that the listening position is within ± 45° in the horizontal plane, and within ± 15° in the vertical plane.



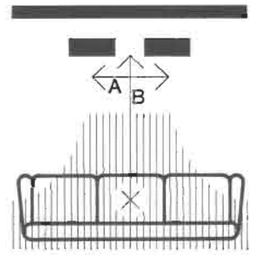
The above also shows that the Beovox speakers is primarily intended for vertical placement with a view to best stereo performance because left and right speakers must overlap.
The best stereo sound-picture will be obtained if the two speakers are placed with respect to the preferred listening position.



The separation A between the two speakers should approximately equal the listening distance B. However, it does not matter a great deal if B is greater than A, but the reverse should be avoided.
The speakers should as far as possible be placed equally far from the corners of the room in order to get best balance in the sound-picture (identical reflections).

Horizontal Placement

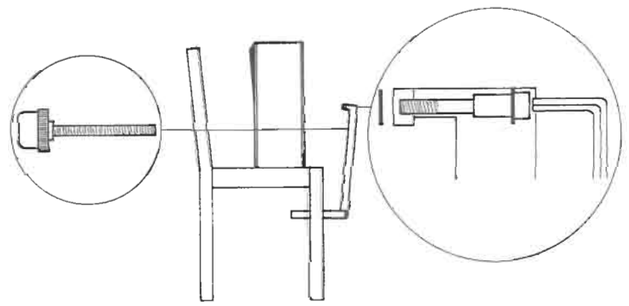
If you want the speakers placed horizontally, the stereo coverage will be affected because dispersion to the sides will be less than for vertical placement. The height from the floor will be less critical, however.



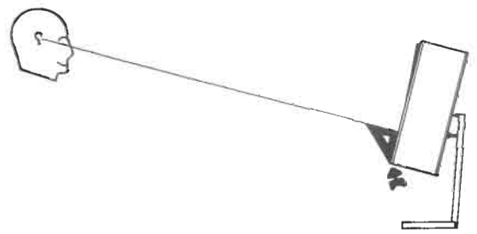
The distance A on the drawing should be one-half of B when the speakers are placed horizontally.

Stand 6013/6012

By placing Beovox S 45–2 and S 75 on the original stand a number of advantages are obtained: The two speakers can be placed more independently of the room furnishing, resulting in a better match to the listening area. The speakers may be placed according to the listening position, instead of vice versa. Speaker performance will be more directly characterised by the direct sound from the speakers because wall reflections will have less influence with the speakers standing freely on the floor.



The easiest way to mount the stand is as follows:
Place the speaker on a chair with its back accessible. Hold the stand against the back and insert the two screws with washers in the holes. Tighten the screws, using the hexagonal spanner.



Adjust the tilt of the speaker so that the lower portion of the cabinet is perpendicular to a straight line to the listening position.

The shorter the listening position, the more the speaker should tilt backwards.

Wall Mounting Kit No. 6014

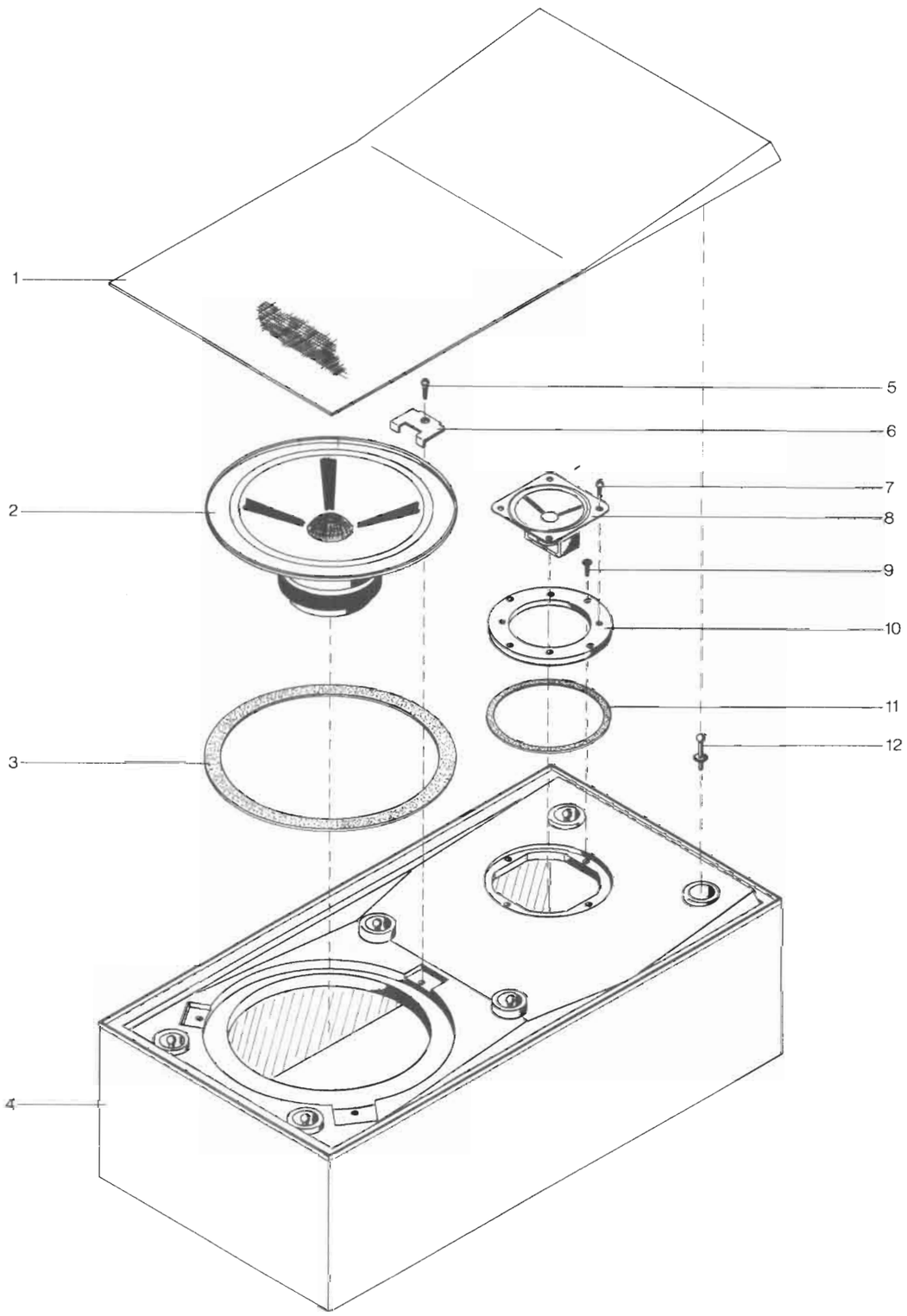
If you want to place the Beovox S 45–2 and S 75 on a wall surface, independently of bookshelves, a separate Wall Mounting Kit No. 6014 is available.

When employing vertical mounting, the amount of tilt is adjustable and can be matched to a height from the floor from between 0.5 to 2.5 metres.

When horizontal mounting is employed, the distance from the floor is relatively uncritical whereas the two speakers cannot be separated by more than 1.5 metres for a listening distance of 2.5 – 4 metres.

A drilling template for fitting the two wall mountings is supplied.

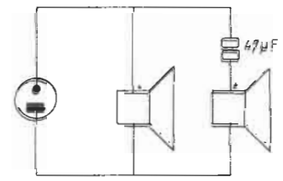
BEOVOX S 25, TYPE 6310



Stykliste/Parts List

1	3450345	Forplade	Frontpanel
2	8480139	Højttaler	Loudspeaker
	4201068	4,7 µF 50V	4,7 µF 50V
3	3340015	Pakning	Gasket
4	3412681	Kabinet, teak	Cabinet, teak
	3412683	Kabinet, palis.	Cabinet, rosewood
	3412684	Kabinet, eg	Cabinet, oak
	3412685	Kabinet, hvid	Cabinet, white
	7210071	Stikdåse	Socket
	3391454	Yderæske	Outer carton
	3397236	Skumemballage	Foam packing
	6270178	Højttalerledning 4 M	Loudspeaker lead 4 M
	6270181	Højttalerledning 10 M	Loudspeaker lead 10 M
5	2015203	Skrue 3,5 × 16 mm	Screw 3.5 × 16 mm
6	0285091	Spændestykke	Clamp
7	2015202	Skrue 3,5 × 13 mm	Screw 3.5 × 13 mm
8	8480138	Højttaler	Loudspeaker
9	2015065	Skrue 12,7 × 3,5 mm	Screw 12.7 × 3.5 mm
10	2630007	Adapterring	Adaptor ring
11	3340012	Pakning	Gasket
12	2391045	Låsestykke	Locking pin

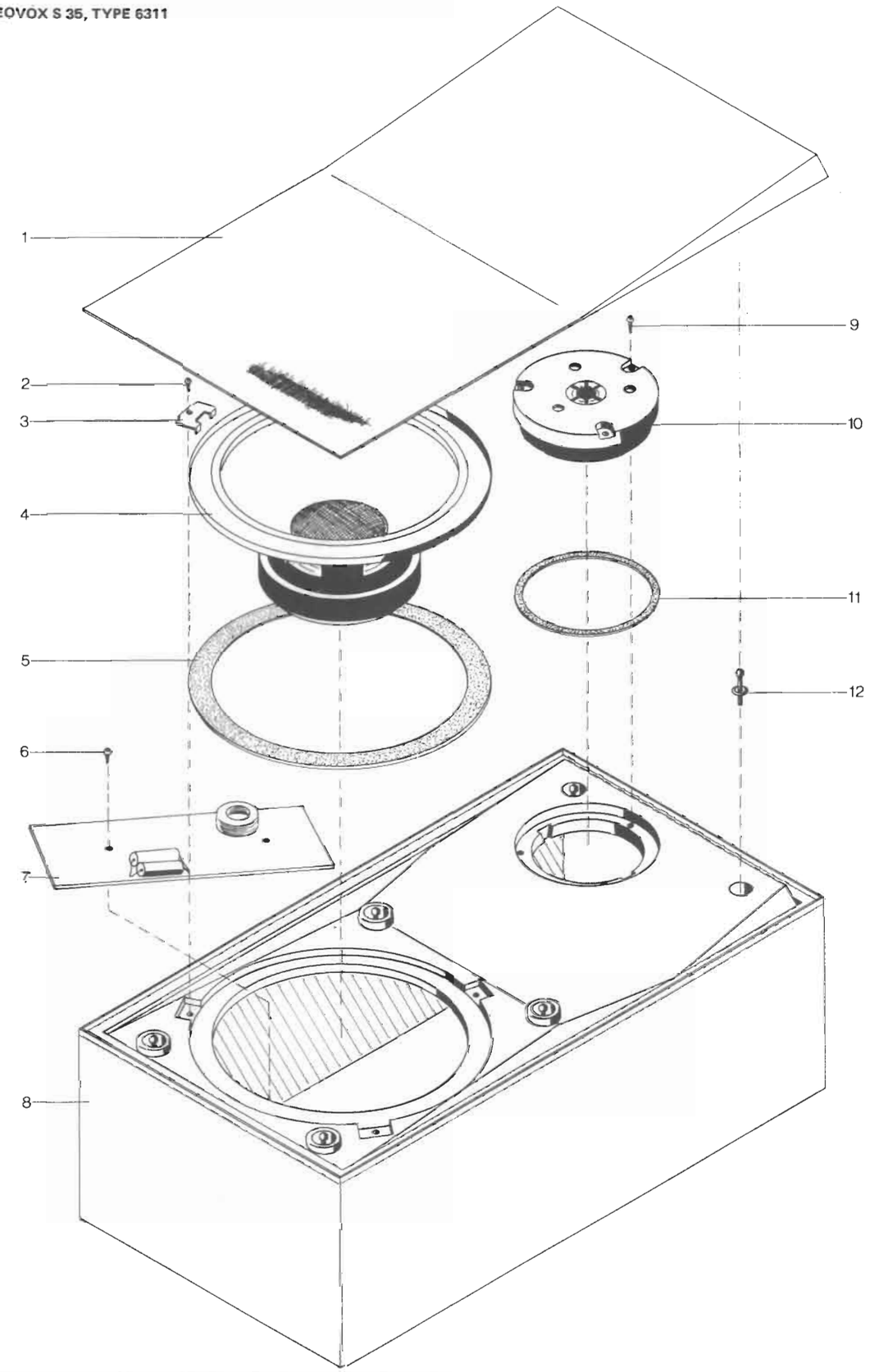
Diagram



Technical Data

Continious load	25 watts
Music load	40 watts
Impedance	4 – 8 ohms
Frequency range +4 –8 dB	60 – 18,000 Hz
Distortion 250 – 1000 Hz	<2 %
above 2000 Hz	<1 %
Sensitivity	2.5 watts
Brutto volume	12.4 litres
Dispersion	120°
Woofer	6 1/2"
Phase-Link unit	
Midrange unit	
Tweeter	2"
Cross-over frequencies	3000 Hz
Dimensions WxHxD	22 x 41 x 15 cm
Weight	4 kg

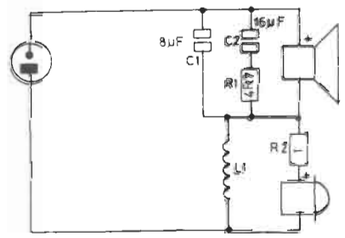
BEOVOX S 35, TYPE 6311



Stykliste/Parts List

1	3450346	Forplade	Front panel
2	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
3	0285091	Spændestykke	Clamp
4	8480135	Højttaler	Loudspeaker
5	3340013	Pakning	Gasket
6	2015202	Skrue 3,5 X 13 mm	Screw 3.5 X 13 mm
7	8039059	Delefilter	Crossover network
	3120200	Monteringsplade	Mounting plate
	7210071	Stikdåse	Socket
R1	5104012	4,7 ohm 10% 3W TE	4.7 ohms 10% 3W TE
R2	5104020	1 ohm 10% 3W TE	1 ohm 10% 3W TE
C1	4200077	8 µF 12 V	8 µF 12 V
C2	4200273	16 µF 25 V	16 µF 25 V
L1	0993134	Spole 0,26 mH	Coil 0.26 mH
8	3412641	Kabinet, teak	Cabinet, teak
	3412643	Kabinet, palis.	Cabinet, rosewood
	3412644	Kabinet, eg	Cabinet, oak
	3412645	Kabinet, hvid	Cabinet, white
	6270178	Højttalerledning 4 M	Loudspeaker lead 4 M
	6270181	Højttalerledning 10 M	Loudspeaker lead 10 M
	3391455	Yderæske	Outer carton
	3397237	Skumemballage	Foam packing
9	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
10	8480136	Højttaler	Loudspeaker
11	3340014	Pakning	Gasket
12	2391045	Låsestykke	Locking pin

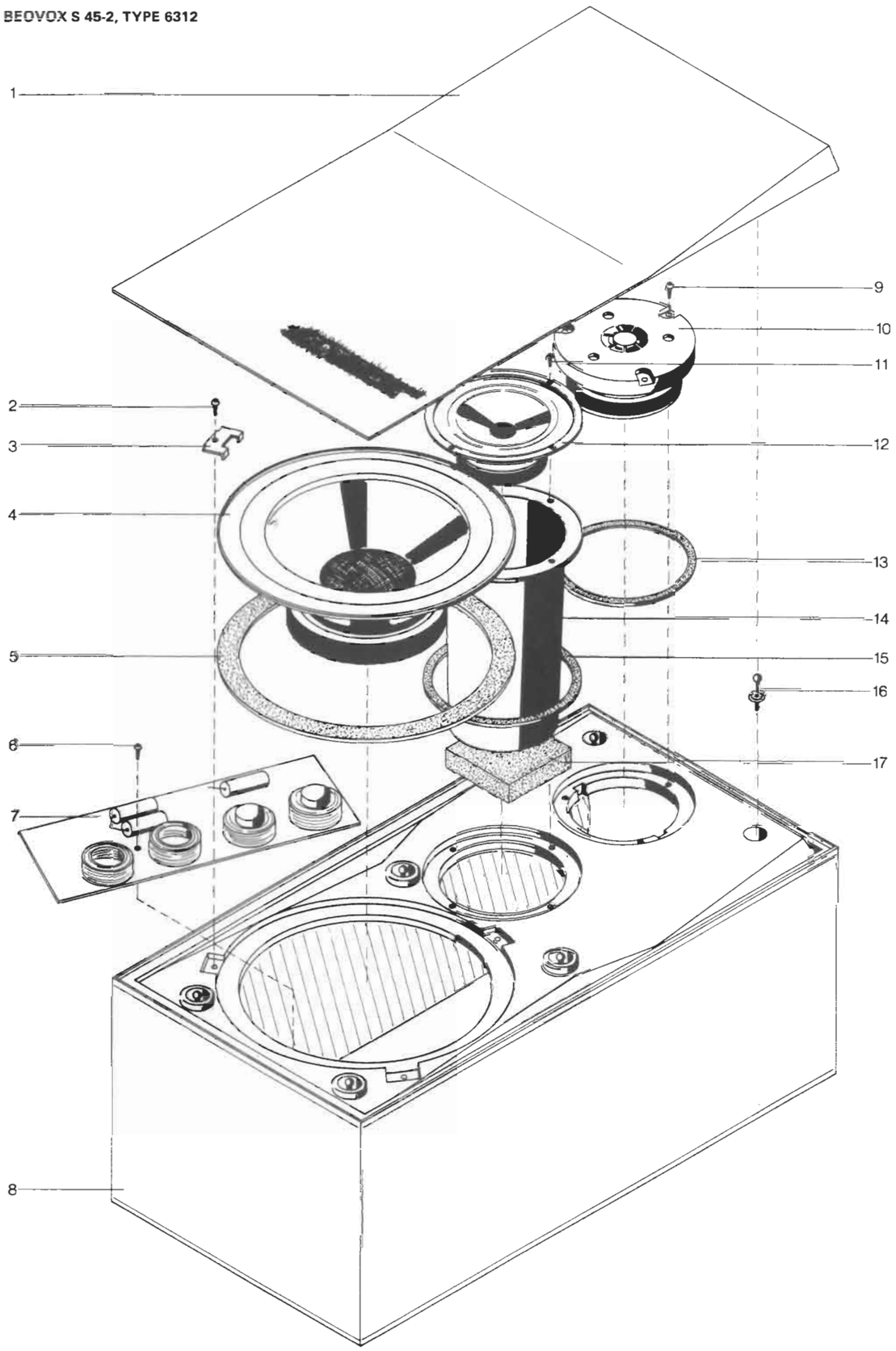
Diagram



Technical Data

Continuous load	35 watts
Music load	50 watts
Impedance	4 – 8 ohms
Frequency range ± 4 – 8 dB	49 – 20,000 Hz
Distortion 250 – 1000 Hz	⩽2 %
above 2000 Hz	⩽1 %
Sensitivity	2.5 watts
Brutto volume	22.2 litres
Dispersion	120°
Woofer	8"
Phase-Link unit	
Midrange unit	
Tweeter	1"
Cross-over frequencies	3000 Hz
Dimensions WxHxD	26 x 48 x 18 cm
Weight	6 kg

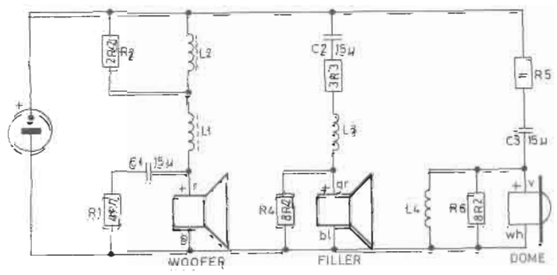
BEOVOX S 45-2, TYPE 6312



Stykliste/Parts List

1	3450346	Forplade	Frontpanel
2	2019200	Skrue 4,16 X 15,87	Screw 4.16 X 15.87
3	0285091	Spændestykke	Clamp
4	8480114	Højttaler	Loudspeaker
5	3340013	Pakning	Gasket
6	2015203	Skrue 3,5 X 16	Screw 3.5 X 16
7	8039053	Delefilter komplet	Crossover network
	3120228	Monteringsplade	Mounting plate
	7210022	Stikdåse	Socket
L1	0993134	Spole 0,26 mH	Coil 0.26 mH
	6708007	Ferritkerne	Ferriteore
L2	6850026	Spole 0,7 mH	Coil 0.7 mH
	6708007	Ferritkerne	Ferriteore
L3	0993134	Spole 0,26 mH	Coil 0.26 mH
L4	0993155	Spole 0,15 mH	Coil 0.15 mH
R1	5104012	4,7 ohm 10% 3W	4.7 ohms 10% 3W
R2	5104011	2,2 ohm 10% 3W	2.2 ohms 10% 3W
R3	5100089	3,3 ohm 10% 3W	3.3 ohms 10% 3W
R4	5100074	8,2 ohm 10% 3W	8.2 ohms 10% 3W
R5	5104020	1 ohm 10% 3W	1 ohms 10% 3W
R6	5100074	8,2 ohm 10% 3W	8.2 ohms 10% 3W
C1	4200273	15 µF 25V	15 µF 25 V
C2	4200273	15 µF 25V	15 µF 25 V
C3	4200273	15 µF 25V	15 µF 25 V
8	3412581	Kabinet, teak	Cabinet, teak
	3412582	Kabinet, nød	Cabinet, walnut
	3412583	Kabinet, palis.	Cabinet, rosewood
	3412584	Kabinet, eg	Cabinet, oak
	3412585	Kabinet, hvid	Cabinet, white
	8960140	Vægbeslag, komplet	Mounting hardware, complete
	3390126	Pose med skruer	Bag with screws
	6270178	Højttalerledning 4 M	Loudspeaker lead 4 M
	6270181	Højttalerledning 10 M	Loudspeaker lead 10 M
	3391455	Yderæske	Outer carton
	3397237	Skumemballage	Foam packing
9	2019200	Skrue 4,16 X 15,87	Screw 4.16 X 15.87
10	8480137	Højttaler	Loudspeaker
11	2021002	Skrue 4,8 X 16	Screw 4.8 X 16
12	8480120	Højttaler	Loudspeaker
13	3340014	Pakning	Gasket
14	3130049	Hus	Housing
15	3340012	Pakning	Gasket
16	2391045	Låsestykke	Locking pin
17	2641081	Støtte	Support

Diagram



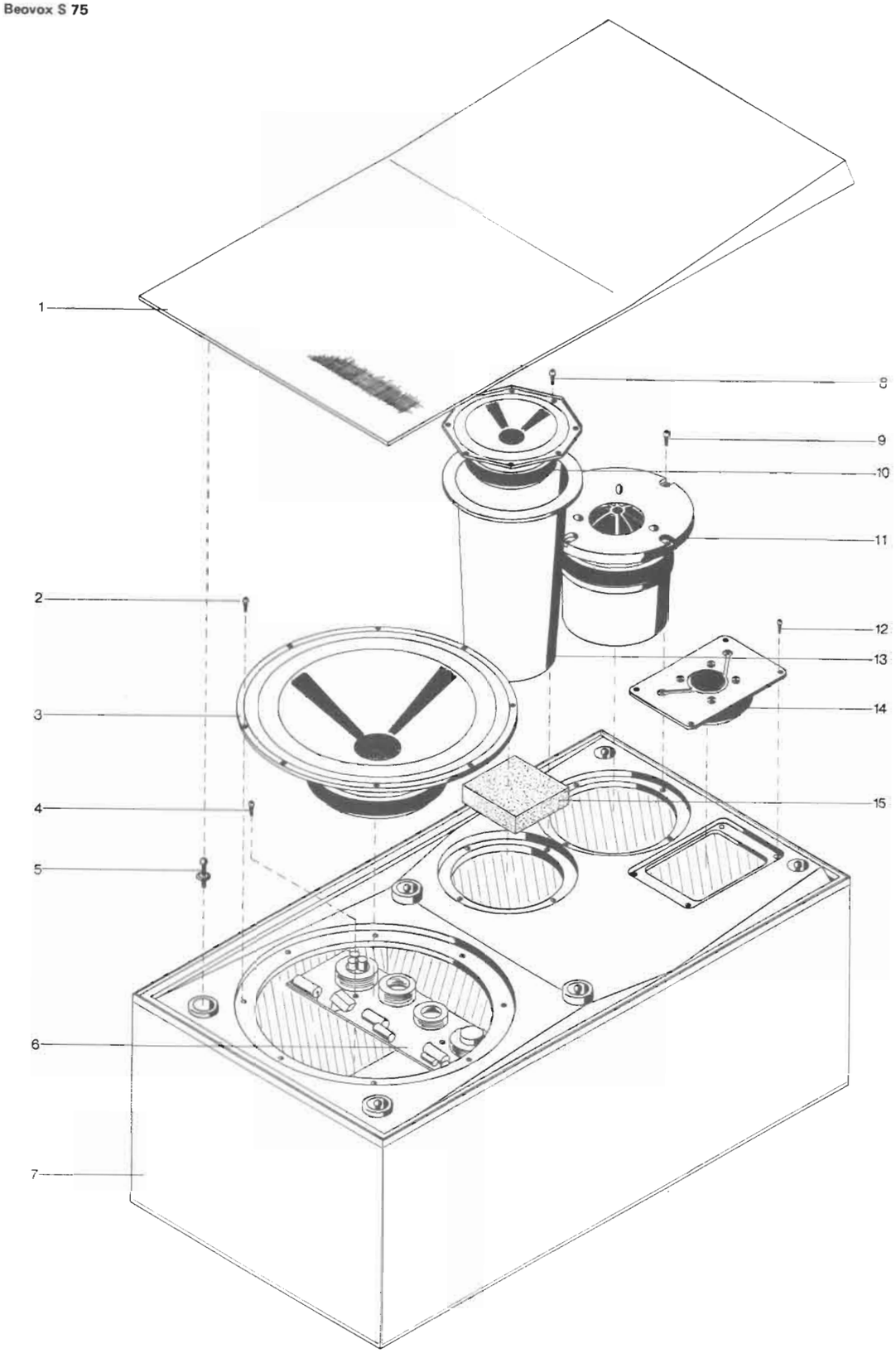
Technical Data
Beovox S 45-2

Continuous load	45 watts
Music load	75 watts
Impedance	4 – 8 ohms
Frequency range +4 –8 dB	38 – 20.000 Hz
Distortion 250 – 1000 Hz	<1 %
above 2000 Hz	<1 %
Sensitivity	5 watts
Brutto volume	25 litres
Dispersion	120°
Woofer	8"
Phase-Link unit	3 1/2"
Midrange unit	
Tweeter	1"
Cross-over frequencies	2000 Hz
Dimensions WxHxD	26 x 48 x 21 cm
Weight	7 kg

BEOVOX S 75, TYPE 6313
Technical Data

Continuous load	75 watts
Music load	100 watts
Impedance	4 – 8 ohms
Frequency range + 4 –8 dB	36 – 20.000 Hz
Distortion 250 – 1000 Hz	<1 %
above 2000 Hz	<1 %
Sensitivity	5 watts
Brutto volume	40 litres
Dispersion	120°
Woofer	10"
Phase-Link unit	5"
Midrange unit	2"
Tweeter	1"
Cross-over frequencies	700 – 4000 Hz
Dimensions WxHxD	32 x 59 x 25 cm
Weight	11 kg

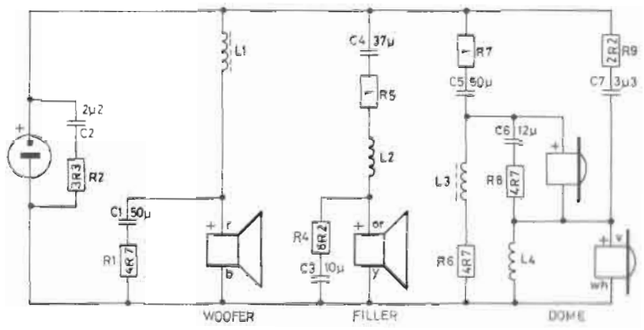
Beovox S 75



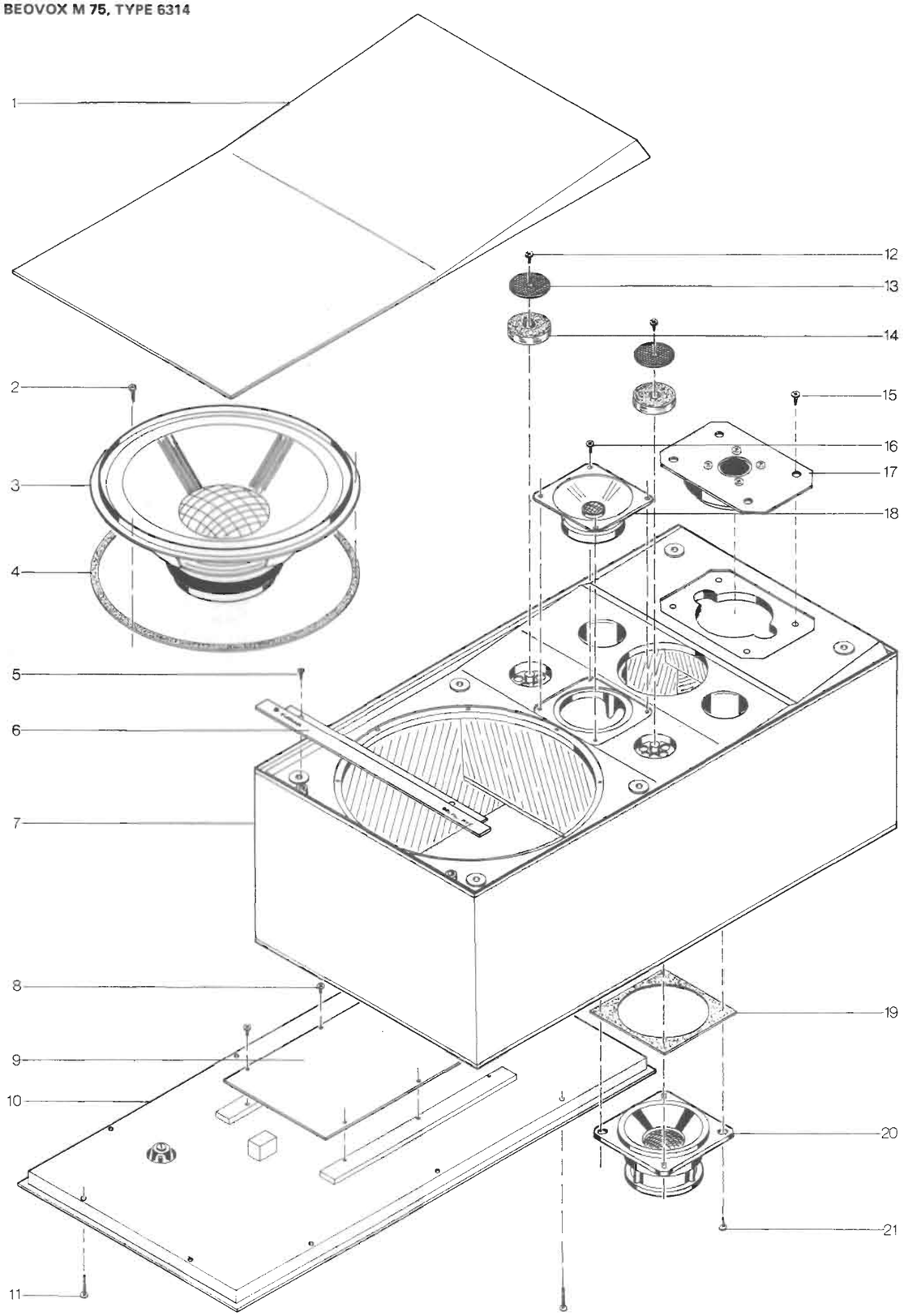
Stykliste/Parts List

1	3450365	Forplade	Front panel
2	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
3	8480130	Højttaler	Loudspeaker
	3340009	Pakning	Gasket
4	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
5	2391045	Låsestykke	Locking pin
6	8039058	Delefilter	Crossover network
	3120228	Monteringsplade	Mounting plate
	7210071	Stikdåse	Socket
R1	5104012	4,7 ohm 10% 3 W TE	4.7 ohms 10% 3 W TE
R2	5100089	3,3 ohm 10% 3 W TE	3.3 ohms 10% 3 W TE
R4	5100074	8,2 ohm 10% 3 W TE	8.2 ohms 10% 3 W TE
R5	5104020	1 ohm 10% 3 W TE	1 ohm 10% 1 W TE
R6	5104012	4,7 ohm 10% 3 W TE	4.7 ohms 10% 3 W TE
R7	5104020	1 ohm 10% 3 W TE	1 ohm 10% 3 W TE
R8	5104012	4,7 ohm 10% 3 W TE	4.7 ohms 10% 3 W TE
R9	4104011	2,2 ohm 10% 3 W TE	2.2 ohms 10% 3 W TE
C1	4200080	50 µF 25V	50 µF 25V
C2	4130037	2,2 µF 10% 250V	2.2 µF 10% 250V
C3	4200337	10 µF 25V	10 µF 25V
C4	4200274	37 µF 25V	37 µF 25V
C5	4200080	50 µF 25V	50 µF 25V
C6	4200012	12 µF 25V	12 µF 25V
C7	4200125	3,3 µF 25V	3.3 µF 25V
L1	6850026	Spole 0,7 mH	Coil 0.7 mH
	6700001	Ferritkerne	Ferrit core
L2	6850057	Spole 1,8 mH	Coil 1.8 mH
L3	0993134	Spole 0,26 mH	Coil 0.26 mH
	6708007	Ferritkerne	Ferritcore
L4	0993155	Spole 0,15 mH	Coil 0,15 mH
7	3412591	Kabinet, teak	Cabinet, teak
	3412593	Kabinet, palis.	Cabinet, rosewood
	3412594	Kabinet, eg	Cabinet, oak
	3412594	Kabinet, hvid	Cabinet, white
	8960140	Vægbeslag, komplet	Mounting hardware, complete
	3390126	Pose med skruer	Bag with screws
	6270178	Højttalerledning 4 M	Loudspeaker lead 4 M
	6270181	Højttalerledning 10 M	Loudspeaker lead 10 M
	3391458	Yderæske	Outer carton
	3397238	Skumemballage	Foam packing
8	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
9	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
10	8480116	Højttaler	Loudspeaker
	3340010	Pakning	Gasket
11	8480115	Højttaler	Loudspeaker
	3340007	Pakning	Gasket
12	2015203	Skrue 3,5 X 16 mm	Screw 3.5 X 16 mm
13	3130055	Hus	Housing
14	8480118	Højttaler	Loudspeaker
	3340008	Pakning	Gasket
15	2641081	Støtte	Support

Diagram



BEOVOX M 75, TYPE 6314



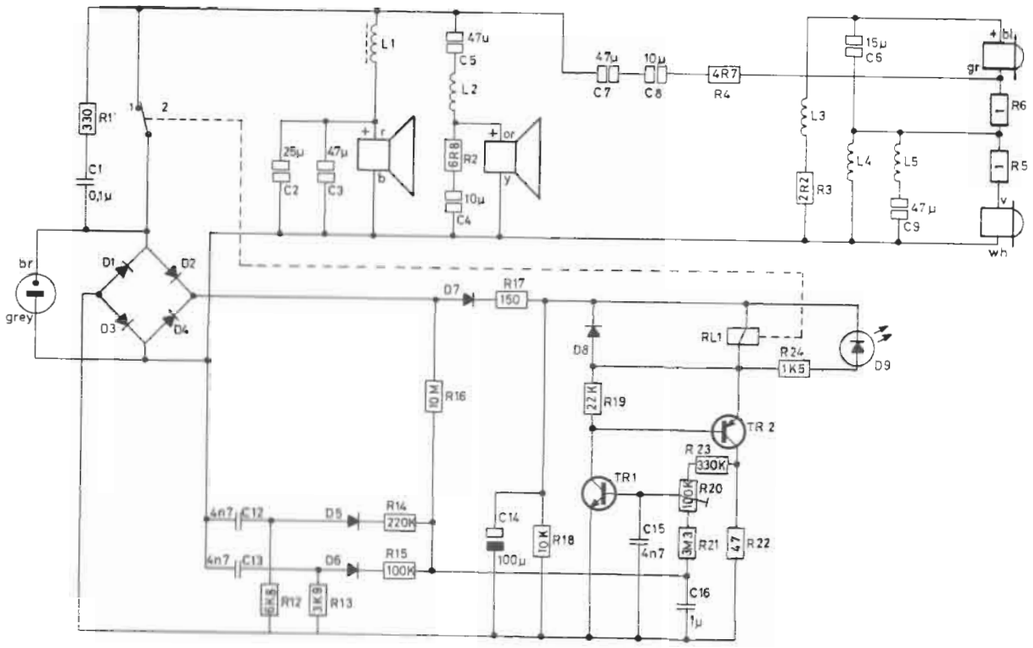
Stykliste/Parts List

1	3450393	Forplade	Front panel
	2391045	Låsestykke	Locking pin
2	2015066	Skrue 3,5 X 15,87 mm	Screw 3.5 X 15.87 mm
3	8480133	Højttaler	Loudspeaker
4	3340009	Pakning	Gasket
5	2013012	Skrue 2,9 X 13 mm	Screw 2.9 X 13 mm
6	2566045	Profil	Profile
	8300195	Diode	Diode
7	3412621	Kabinet, teak	Cabinet, teak
	3412623	Kabinet, palis.	Cabinet, palis.
	3412624	Kabinet, eg	Cabinet, oak
	6270178	Højttalerledning 4 M	Loudspeaker lead 4 M
	6270181	Højttalerledning 10 M	Loudspeaker lead 10 M
	7500128	Kontaktstift for overload indikator	Contact pin for overload indicator
	3391449	Yderæske	Outer carton
	3391501	Indlæg	Insert
	3397293	Skumemballage	Foam packing
8	2015066	Skrue 3,5 X 15,87 mm	Screw 3.5 X 15.87 mm
9	8006002	Delefilter	Crossover network
	7210071	Stikdåse	Socket
10	3452328	Bagplade	Back panel
	2389004	Indslagsmøtrik	Drive-fit nut
	2934005	Gevindbøsning	Threaded bushing
11	2019003	Skrue 4,2 X 38 mm	Screw 4.2 X 38 mm
12	2015905	Skrue 3,5 X 9,5 mm	Screw 3.5 X 9.5 mm
13	2632006	Dæksel	Cover
14	2620068	Dæmpeskive	Damper felt
15	2015066	Skrue 3,5 X 15,87 mm	Screw 3.5 X 15.87 mm
16	2015066	Skrue 3,5 X 15,87 mm	Screw 3.5 X 15.87 mm
17	8480134	Højttaler	Loudspeaker
	3340019	Pakning	Gasket
18	8480125	Højttaler	Loudspeaker
19	3340011	Pakning	Gasket
20	8480110	Højttaler	Loudspeaker
21	2015202	Skrue 3,5 X 13 mm	Screw 3.5 X 13 mm

Technical Data

Continuous load	75 watts
Music load	125 watts
Impedance	4 – 8 ohms
Frequency range + 4 – 8 dB	27 – 20.000 Hz
Distortion 250 – 1000 Hz	<1 %
above 2000 Hz	<1 %
Sensitivity	5 watts
Brutto volume	55 litres
Dispersion	120°
Woofer	10"
Phase-Link unit	5"
Midrange unit	2 1/2"
Tweeter	1"
Cross-over frequencies	500 – 4500 Hz
Dimensions WxHxD	35 x 65 x 27 cm
Weight	17 kg

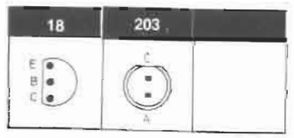
Diagram Beovox M 75



Parts list for cross-over-network and protection circuit, 8006002

R1	5001021	330 ohms 10% 1/2W
R2	5100242	6.8 ohms 5% 3W
R3	5104011	2.2 ohms 10% 3W
R4	5104012	4.7 ohms 10% 3W
R5	5104020	1 ohm 10% 3W
R12	5010052	6.8 kohms 5% 1/8W
R13	5010069	3.9 kohms 5% 1/8W
R14	5010120	220 kohms 5% 1/8W
R15	5010049	100 kohms 5% 1/8W
R16	5011083	10 Mohms 10% 1/4W
R17	5010057	150 ohms 5% 1/8W
R18	5010059	10 kohms 5% 1/8W
R19	5010079	22 kohms 5% 1/8W
R20	5370128	100 kohms 0.1 W LIN.
R21	5010381	3.3 Mohms 10% 1/4W
R22	5001008	47 ohms 10% 1/2W
R23	5010177	330 kohms 5% 1/8W
R24	5010247	1.5 kohms 5% 1/8W
C1	4130103	0.1 µF 20% 250V
C2	4200383	25 µF 35V
C3	4200384	50 µF 35V
C4	4200385	10 µF 35V
C5	4200384	50 µF 35V
C6	4200386	15 µF 35V
C7	4200384	50 µF 35V
C8	4200385	10 µF 35V
C9	4200384	50 µF 35V
C12	4010063	4.7 nF 10% 63V
C13	4010063	4.7 nF 10% 63V
C14	4201060	100 µF 40V
C15	4010063	4.7 nF 10% 63V
C16	4130136	1 µF 20% 100V
L1	6850117	Coil 2.6 mH
	6708007	Ferritcore
L2	6850123	Coil 1.3 mH
L3	6850117	Coil 0.7 mH
L4	6850124	Coil 0.26 mH
L5	6850122	Coil 1 mH
RL1	7600037	Relay

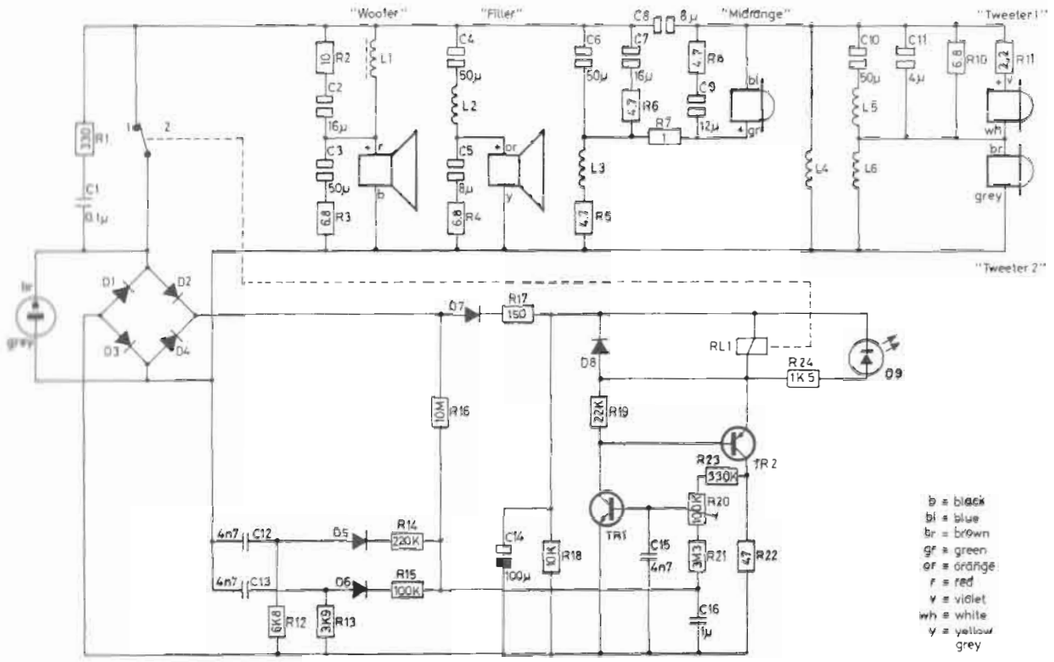
Transistor and diode list



TR1	8320097	18	BC 547 B
		18	BC 237 B
		18	BC 171 B
		18	BC 182 B
TR2	8320152	18	BC 557 B
		18	BC 212 B
		18	BC 251 B
		18	BC 307 B
D1 - D4	8300023		1N 4002
			1N 4003
D5 - D8	8300058		1N 4148
			SFD 184
D9	8300195	203	TIL 209 A
			A LED

BEOVOX M 100-2 TYPE 6319

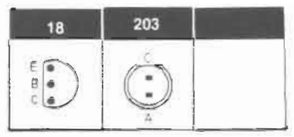
Diagram



Parts list for cross-over-network and protection circuit, 8006003

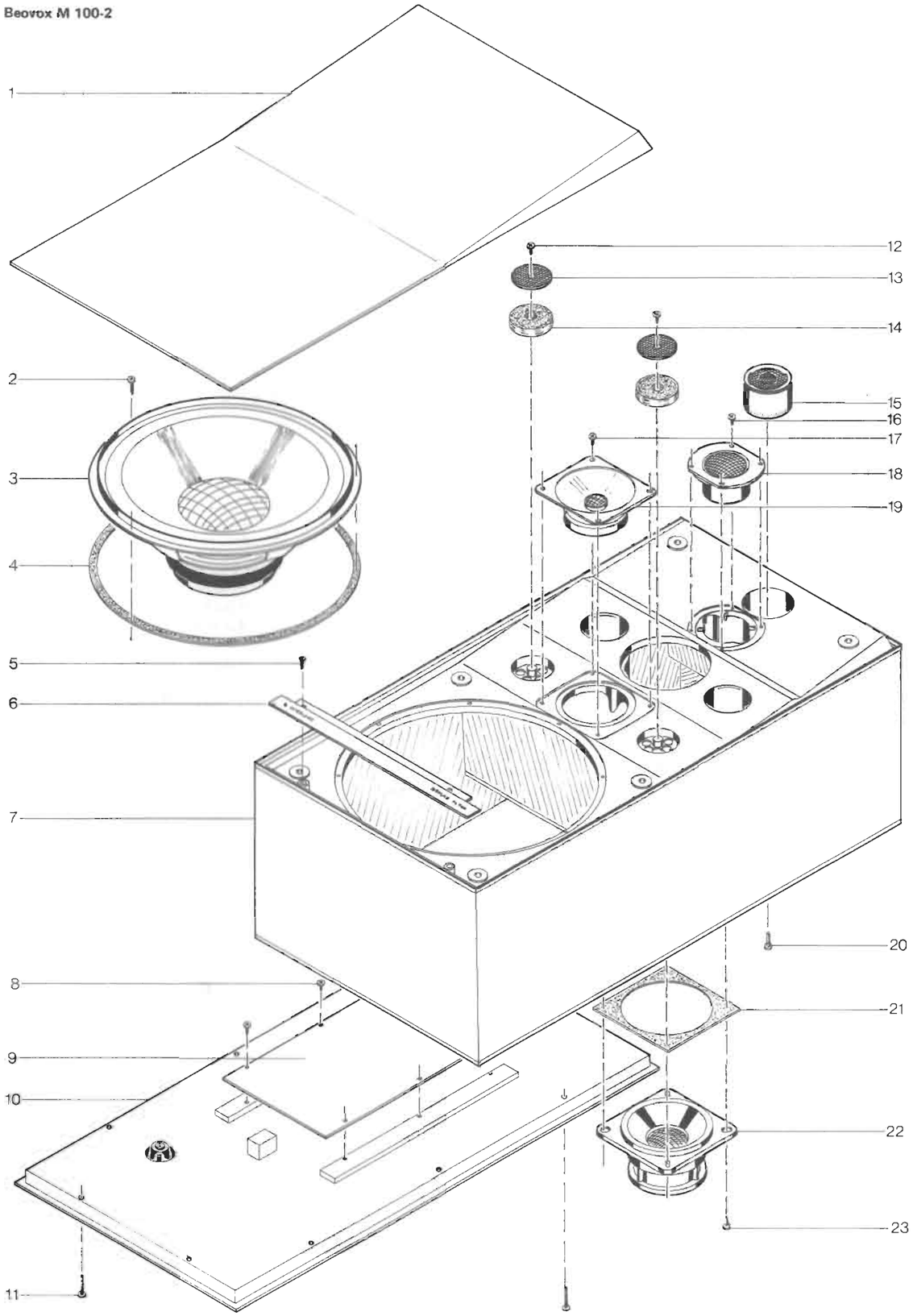
R1	5001021	330 ohms 10% 1/2W
R2	5104009	10 ohms 10% 3W TE
R3	5100245	6.8 ohms 5% 7W TE
R4	5100245	6.8 ohms 5% 7W TE
R5	5100244	4.7 ohms 5% 7W TE
R6	5100241	4.7 ohms 5% 3W TE
R7	5400243	1 ohm 5% 7W TE
R8	5100241	4.7 ohms 5% 3W TE
R10	5100242	6.8 ohms 5% 3W TE
R11	5100240	2.2 ohms 5% 3W TE
R12	5010052	6.8 kohms 5% 1/8 W
R13	5010069	3.9 kohms 5% 1/8 W
R14	5010120	220 kohms 5% 1/8W
R15	5010049	100 kohms 5% 1/8W
R16	5011083	10 Mohms 10% 1/4W
R17	5010057	150 ohms 5% 1/8W
R18	5010059	10 kohms 5% 1/8W
R19	5010079	22 kohms 5% 1/8W
R20	5370128	100 kohms 20% 0.1W Lin
R21	5010381	3.3 Mohms 10% 1/4W
R22	5001008	47 ohms 10% 1/2W
R23	5010177	330 kohms
R24	5010247	1.5 kohms 5% 1/8W
C1	4130103	0.1 µF 20% 250V
C2	4200370	16 µF 50V
C3	4200372	50 µF 50V
C4	4200372	5 µF 50V
C5	4200369	8 µF 50V
C6	4200372	50 µF 50V
C7	4200370	16 µF 50V
C8	4200369	8 µF 50V
C9	4200374	12 µF 50V
C10	4200372	50 µF 50V
C11	4200375	4 µF 50V
C12	4010063	4.7 nF 10% 63V
C13	4010063	4.7 nF 10% 63V
C14	4201060	100 µF 40V
C15	4010063	4.7 nF 10% 63V
C16	4130136	1 µF 20% 100V
L1	6850117	Coil
	6708007	Ferritcore
L2	6850122	Coil 1 mH
L3	6850117	Coil 0.7 mH
L4	6850120	Coil 0.63 mH
L5	6850118	Coil 0.35 mH
L6	6850121	Coil 0.02 mH
RL1	7600037	Relay

Transistor and diode list



TR1	8320097	18	BC 547 B
		18	BC 237 B
		18	BC 171 B
		18	BC 182 B
TR2	8320152	18	BC 557 B
		18	BC 212 B
		18	BC 251 B
		18	BC 307 B
D1 - D4	8300023		1N 4002
			1N 4003
D5 - D8	8300058		1N 4148
			SFD 184
D9	8300195	203	TIL 209 A
			A LED

Beovox M 100-2



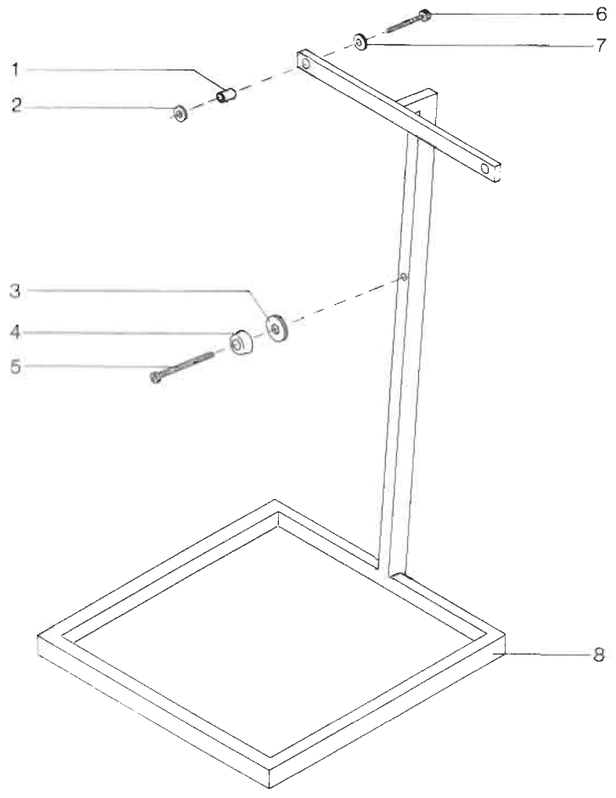
Stykliste/Parts List

1	3450395	Forplade	Front panel
	2391045	Låsestykke	Locking pin
2	2019001	Skrue	Screw
3	8480124	Højttaler	Loudspeaker
4	3340016	Pakning	Gasket
5	2013012	Skrue 2,9 X 13 mm	Screw 2.9 X 13 mm
6	2566046	Profil	Profile
	8300195	Diode	Diode
7	3412613	Kabinet, palis.	Cabinet, rosewood
	6270178	Højttalerledning 4 M	Loudspeaker lead, 4 M
	6270181	Højttalerledning 10 M	Loudspeaker lead 10 M
	7500128	Kontaktstift for overload indikator	Contact pin for overload indicator
	3391483	Yderæske	Outer carton
	3391484	Indlæg	Insert
	3397278	Skumemballage	Foam packing
8	2015905	Skrue 3,5 X 9,5 mm	Screw 3.5 X 9.5 mm
9	8006003	Delefilter	Crossover network
	7210071	Stikdåse	Socket
10	3452263	Bagplade	Back panel
	2389004	Indslagsmøtrik	Drive-fit nut
	2934005	Gevindbøsning	Threaded bushing
11	2019003	Skrue 4,2 X 38 mm	Screw 4.2 X 38 mm
12	2015905	Skrue 3,5 X 9,5 mm	Screw 3.5 X 9.5 mm
13	2632006	Dæksel	Cover
14	2620068	Dæmpeskive	Damper felt
15	8480126	Højttaler	Loudspeaker
	2891007	Membran	Membran assembly
16	2019001	Skrue 4,16 X 15,87 mm	Screw 4.16 X 15.87 mm
17	2019001	Skrue 4,16 X 15,87 mm	Screw 4.16 X 15.87 mm
18	8480127	Højttaler	Loudspeaker
19	8480125	Højttaler	Loudspeaker
20	2079016	Skrue	Screw
21	3340011	Pakning	Gasket
22	8480110	Højttaler	Loudspeaker
23	2019001	Skrue 4,16 X 15,87 mm	Screw 4.16 X 15.87 mm

Technical Data

Continuous load	100 watts
Music load	150 watts
Impedance	4 – 8 ohms
Frequency range +4 –8 dB	27 – 22.000 Hz
Distortion 250 – 1000 Hz	<1 %
above 2000 Hz	<0.7 %
Sensitivity	5 watts
Brutto volume	89 litres
Dispersion	130°
Woofer	12"
Phase-Link unit	4 1/2"
Midrange unit	2 1/2"
Tweeter	1 1/2" – 3/4"
Cross-over frequencies	550 – 2500 – 8000 Hz
Dimensions WxHxD	40 x 75 x 31 cm
Weight	23 kg

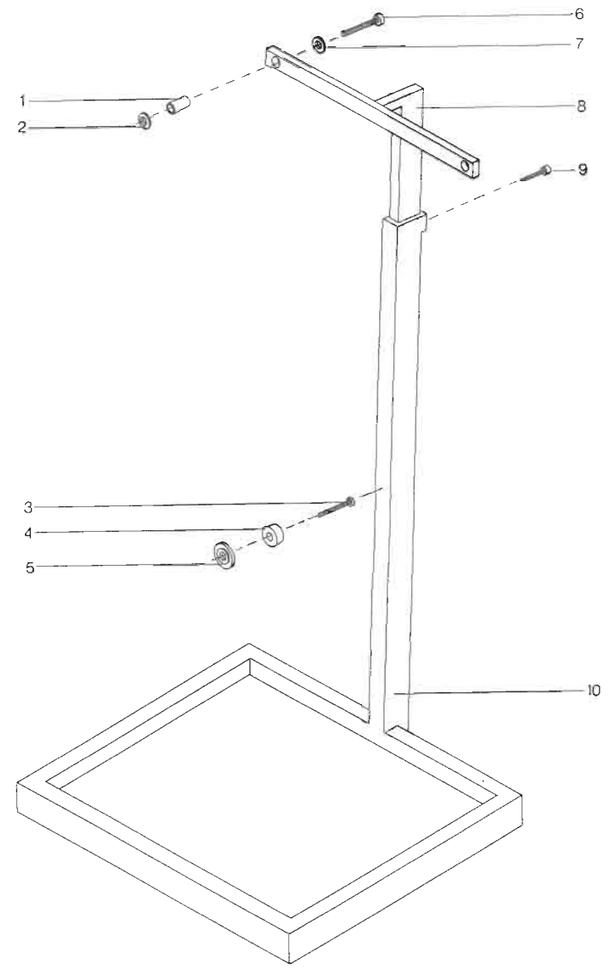
BEOVOX STAND, TYPE 6012/6013



Stykliste/Parts List

1	2932086	Bøsning	Bushing
2	2622267	Skive, sort	Washer, black
3	2382014	Fingermøtrik	Milled, nut
4	3103084	Gummifod	Rubber foot
5	2044213	Skrue 5 X 40 mm	Screw 5 X 40 mm
6	2044013	Skrue 5 X 30 mm	Screw 5 X 30 mm
7	2622267	Skive, sort	Washer, black
8	3103088	Fodstykke 6012	Stand 6012
	3103089	Fodstykke 6013	Stand 6013
	3103083	Glidesko	Plastic foot
	3014016	Unbrakonøgle 4 mm	Spanner 4 mm
	3391506	Yderæske	Outer carton
	3391507	Skumemballage	Foam packing

BEOVOX STAND, TYPE 6011

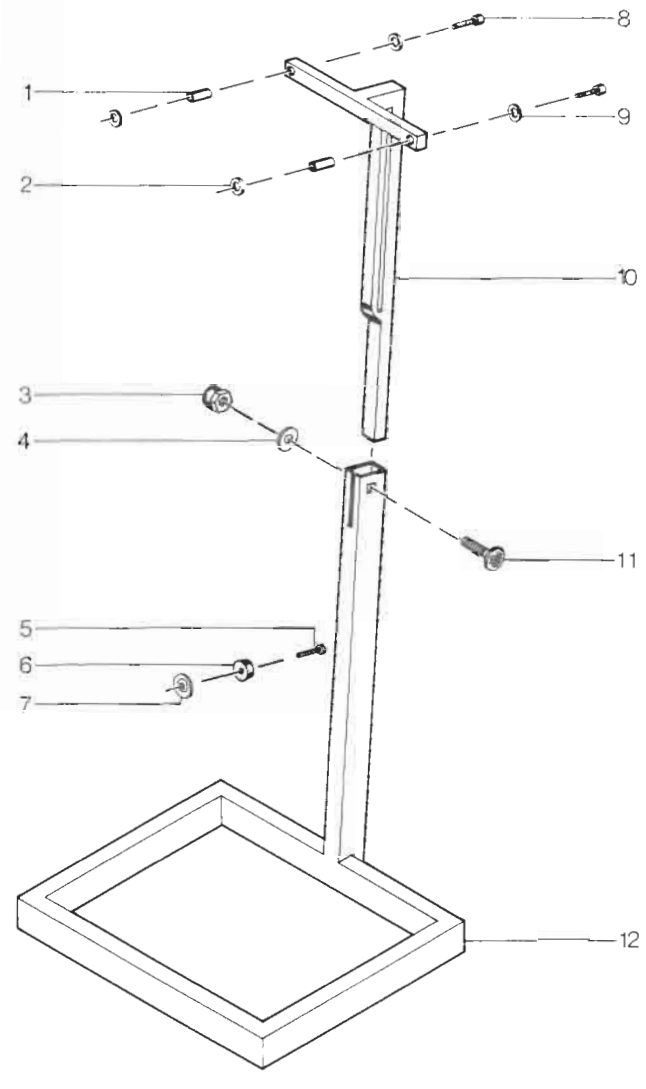


Stykliste/Parts List

1	2932086	Bøsning	Bushing
2	2622267	Skive, sort	Washer, black
3	2044215	Skrue 5 X 50 mm	Screw 5 X 50 mm
4	3103084	Gummifod	Rubber foot
5	2382014	Fingermøtrik	Milled, nut
6	2044013	Skrue 5 X 30 mm	Screw 5 X 30 mm
7	2622267	Skive, sort	Washer, black
8	3458190	Topstykke	Stand, upper part
9	2044012	Skrue 5 X 10 mm	Screw 5 X 10 mm
10	3103087	Fodstykke	Stand, lower part
	3103083	Glidesko	Plastic foot
	3040016	Unbrakonøgle 4 mm	Spanner 4 mm
	3391504	Yderæske	Outer carton
	3391505	Skumemballage	Foam packing

Bang&Olufsen

BEOVOX STAND, TYPE 6010



Stykliste/Parts List

1	2932084	Bøsning	Bushing
2	2622267	Skive, sort	Washer, black
3	2389050	Møtrik M10, sort	Nut M10, black
4	2622268	Skive, sort	Washer, black
5	2044215	Skrue AM 5 X 50 DIN 84	Screw AM 5 X 50 DIN 84
6	3103084	Gummifod	Rubber foot
7	2382014	Fingermøtrik M5	Milled nut M5
8	2044907	Skrue M5 X 35 DIN 912, sort	Screw M5 X 35 DIN 912, black
9	2622267	Skive, sort	Washer, black
10	3458186	Topstykke	Stand, upper part
11	2084002	Bolt M10 X 30, sort	Bolt M10 X 30, black
12	3103082	Fodstykke	Stand, lower part
	3040016	Unbrakonøgle 4 mm	Spanner 4 mm
	3040017	Fastnøgle 17 mm	Wrench 17 mm
	3391412	Yderæske	Outer carton
	3397282	Skumemballage	Foam packing
	3103083	Glidesko	Plastic foot